

safety lighting



.....
> catalog

construction
fire and rescue
emergency preparedness
police, security & military
transportation
oil and gas
agriculture
mining


aIRSTAR

turn nighttime
into day with **airstar**
balloon lighting

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The Sirocco line is available in
small, medium & large sizes.



> Airstar, the one and only





Using equivalent power, the difference between the light output of a traditional work light and that of an **Airstar balloon light** is unparalleled.

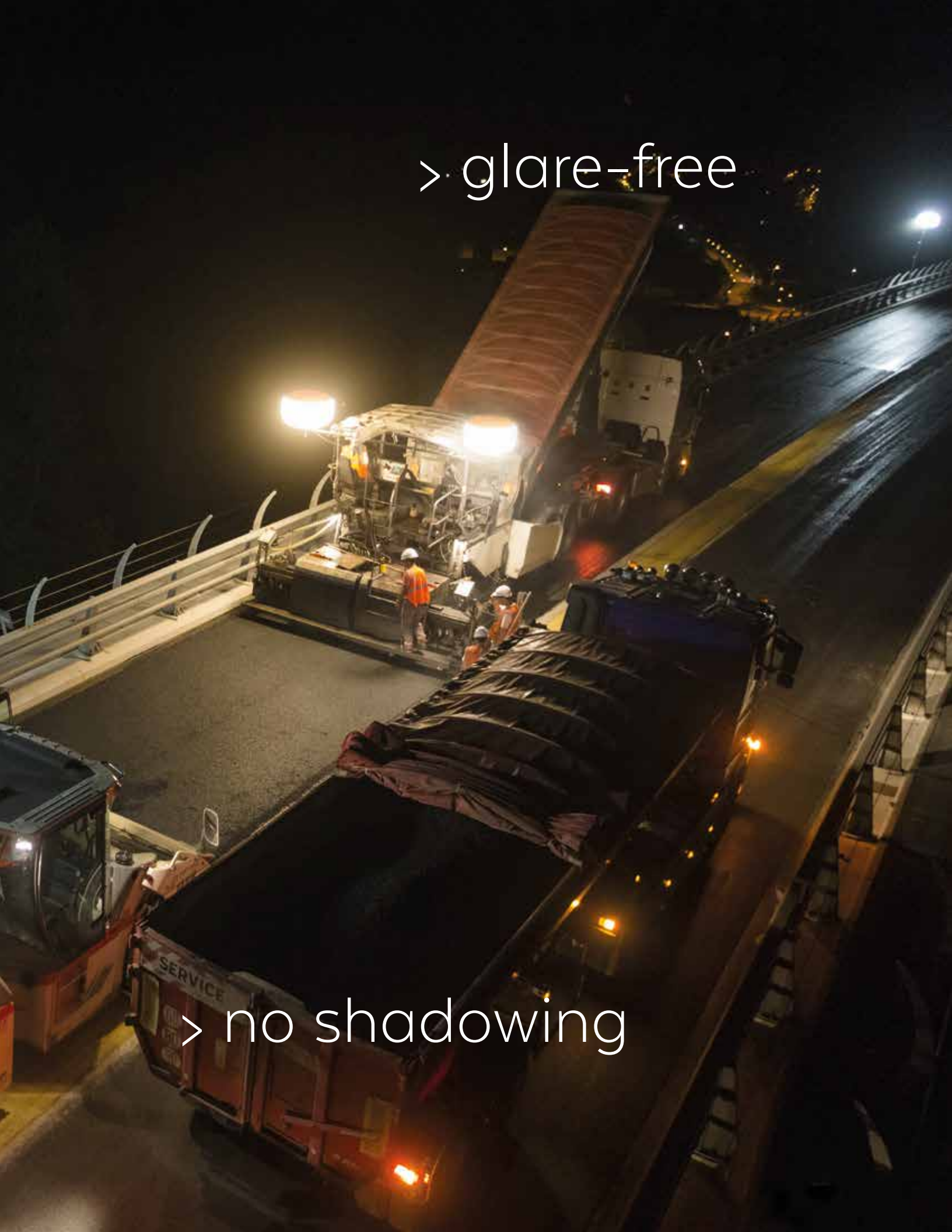


A large industrial machine, possibly a crane or a large-scale manufacturing component, is the central focus of the image. It is illuminated by a very bright, circular light source positioned high above it, creating a strong glow. The machine's structure is complex, with various beams, platforms, and a staircase visible. In the foreground, several workers are present. One worker on the left wears a red hard hat and a dark shirt. Another worker next to him wears a blue hard hat and a white protective suit. In the center, a worker in a white protective suit is bent over a blue machine. To the right, a worker in a red hard hat and dark shirt stands near a blue machine. On the far right, a man in a grey t-shirt and blue jeans stands looking towards the camera. The ground is dark and appears to be dirt or gravel. Various pieces of equipment, including a blue machine with a 'Sirestar' logo, are scattered around. The overall scene is dark, with the primary light source being the large, bright light at the top.

> 360° diffused light

> glare-free

> no shadowing



night work
municipalities
maintenance
mining and oil sites



> construction



> safety & rescue

security
fire & rescue
homeland security
police and government
emergency services
military

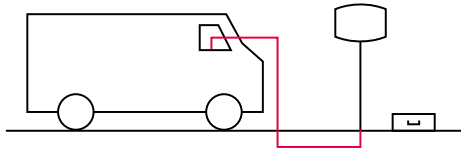




> sirocco S

sirocco 60 W LED / 120 W LED (12 V / 24 V) DC

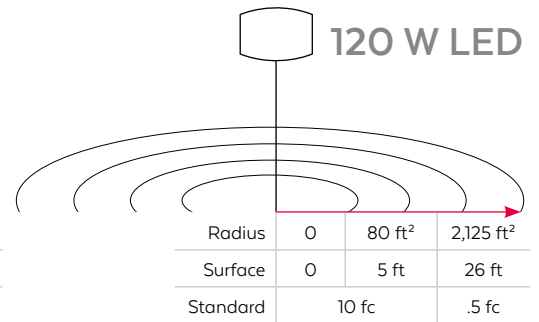
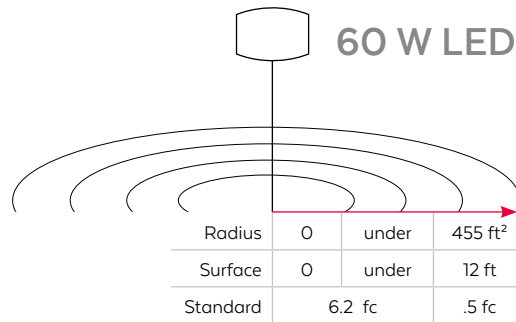
extra low voltage supply



lighting data

Open core area lighting requirement (.5 fc U.S.)	455/2,125 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	340/680 ft ²
Light under the balloon (7.6 ft high)	6/11 fc
Maximum lumen	6,000/12,000 lm
Color temperature: neutral	4,750 K

standard version



technical data

Light source	6 x 10 / 12 x 10 W LED
Average LED life*	40,000 h
Efficiency	100 lm/W
LED configuration	6 LED COB panels (powered by 6 drivers)
Maximum power	60 W
Connector	cigarette power outlet / battery clips
Available voltage	min. 12 V DC / max. 24 V DC
Restrike time	instant
Power supply option	battery 12 V or 48 V
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

dimensions and packaging

Envelope size	ø 24 in / h 16 in
P400TA stand height	from 4 ft to 13 ft
Net weight of the balloon	7 lbs

Metallic case (integrated handle)

Case dimensions	L 23 x w 12 x h 9 in
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	15 lbs

safety

Safety low voltage power supply (< 60 V DC)	12 V
Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54

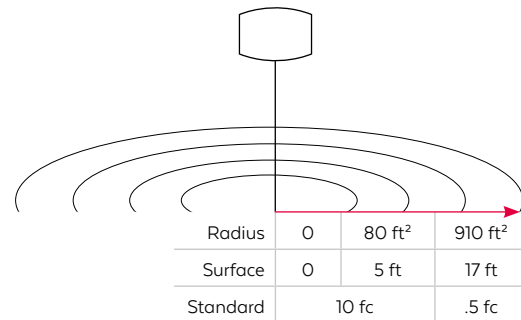
sirocco 60 W LED / 6,150 lm / 48 V

standard version



lighting data

Open core area lighting requirement (.5 fc U.S.)	910 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	80 ft ²
Light under the balloon (7.6 ft high)	12 fc
Maximum lumen	6,150 lm
Color temperature: neutral	4,750 K



pro-pack version



technical data

Light source	6 x 10 W LED			
Average LED life*	40,000 h			
Efficiency	100 lm/W			
LED configuration	6 x LED panels (powered by 2 drivers)			
Maximum power	60 W			
Available voltage	48 VDC			
Dimmable	100 %	66 %	33 %	flash mode
Battery lifetime	8 h	12 h	16 h	16 h
Restrike time	instant			
Power supply	battery -lithium 48 V			
Envelope options	multiple envelope colors, without reflector or with reverse reflector			

* Under normal conditions of use

dimensions and packaging

Envelope size	ø 24 in / h 18 in
Stand height (pro-pack version)	7.6 ft
Net weight of the balloon	7 lbs
Pro-pack version (handle and wheels)	
Case dimensions	L 26 x w 21 x h 11 in
Content: Pro case, light assy., pole, battery, charger	
Net weight with stand	44 lbs

safety

Safety low voltage power supply (<60 VDC)	48 V
Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54

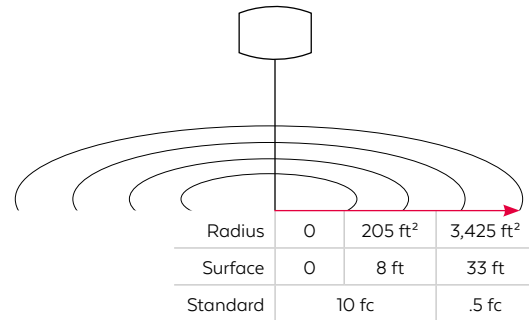
sirocco 120 W LED / 12,300 lm / 48 V

standard version



lighting data

Open core area lighting requirement (.5 fc U.S.)	3,425 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	205 ft ²
Light under the balloon (7.6 ft high)	24 fc
Maximum lumen	12,300 lm
Color temperature: neutral	4,750 K



pro-pack version



technical data

Light source	12 x 10 W LED			
Average LED life*	40,000 h			
Efficiency	100 lm/W			
LED configuration	10 W LED COB			
Maximum power	125 W			
Available voltage	48 V DC			
Dimmable	100 %	66 %	33 %	flash mode
Battery lifetime	4 h	6 h	8 h	8 h
Restrike time	instant			
Power supply	battery - lithium 48 V			
Envelope options	multiple envelope colors, without reflector or with reverse reflector			

* Under normal conditions of use

dimensions and packaging

Envelope size	ø 23.6 in / h 17.7 in
P400TA stand height	from 4 ft to 13 ft
Stand height (pro-pack version)	7.5 ft
Net weight of the balloon	7 lbs

Standard version : sirocco s box

Case dimensions	L 23 x w 12 x h 9 in
Content: full set lighting balloon with LED (without stand), user manual, 1 glove, 1 repair patch kit	
Net weight without stand	17 lbs

Pro-pack version (handle and wheels)

Case dimensions	L 26 x w 21 x h 11 in
Content: Pro case, light assy., pole, battery, charger	
Net weight with stand	44 lbs

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54

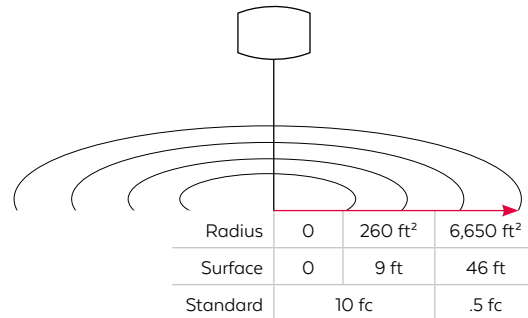
sirocco 240 W LED / 24,000 lm 48 V

standard version



lighting data

Open core area lighting requirement (.5 fc U.S.)	6,650 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	260 ft ²
Light under the balloon (13 ft high)	12 fc
Maximum lumen	24,000 lm
Color temperature: daylight	6,000 K



pro-pack version



technical data

Light source	6 x 4 x 10 W LED			
Average LED life*	40,000 h			
Efficiency	100 lm/W			
LED configuration	10 W LED COB			
Maximum power	240 W			
Available voltage	48 VDC			
Dimmable	100 %	66 %	33 %	flash mode
Battery lifetime	4 h	6 h	8 h	8 h
Restrike time	instant			
Power supply	48 V battery lithium / 120 v			
Envelope options	multiple envelope colors, without reflector or with reverse reflector			

* Under normal conditions of use

dimensions and packaging

Envelope size	ø 29.5 in / h 23.6 in
P400TA stand height	from 4 ft to 13 ft
Net weight of the balloon	8 lbs

Standard version : sirocco S box

Case dimensions	L 23 x w 12 x h 9 in
Content: full set lighting balloon with LED (without stand), inverter, user manual, 1 glove, 1 repair patch kit	
Net weight without stand	23 lbs

Pro-pack version (handle and wheels)

Case dimensions	L 56 x w 17 x h 12 in
Content: Pro case, light assy., 14' stand, 2 batteries, 2 chargers, inverter, 3 sand bags	
Net weight with stand	88 lbs

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54



Hands-free backpack
with a Sirocco LED 120 W.

sirocco S range spare parts pieces and accessories



P350TA

Max. height: 12 ft
Min. height: 4 ft
Weight: 11 lbs
Footprint: 3 ft



P400TA*

Max. height: 13 ft
Min. height: 4 ft
Weight: 22 lbs
Footprint: 4 ft

*Special adapter required for
Pro-pack versions



Sandbag

Weight: 25 lbs



Hand-free backpack

Weight: 2 lbs
(available for Sirocco LED 60 W & 120 W)



Packaging

Pro-pack in 2 sizes.
Dimensions:
L 26 x w 21 x h 11 in
L 56 x w 17 x h 12 in



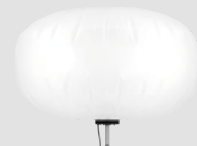
Envelope

with standard reflector



Envelope

with reversed reflector



Envelope

without reflector





> sirocco M

sirocco 400 W LED / 50,000 lm

standard version

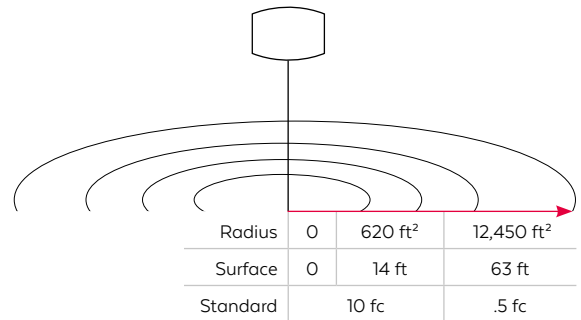


dimensions and packaging

Envelope size	ø 36 in / h 24 in
P500TA stand height	from 5 to 18 ft
Net weight of the balloon	15.4 lbs
PVC cylinder case	
Cylinder case dimensions	L 39.4 x w 10.24 in
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	22 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	12,450 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	620 ft ²
Light under the balloon (13 ft high)	25.5 fc
Maximum lumen	50,000 lm
Color temperature: daylight	6,000 K



technical data

Light source	4 x 100 W LED
Average LED life*	50,000 h
Efficiency	125 lm/W
LED configuration	4 x independent panels [Driver + LED] Quick and easy to replace (4 screws)
Maximum power	400 W
Available voltage	100-120-230 V / 50-60 Hz
Restrike time	instant
Power supply	main power or 1 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	
Electrical protection	fuse
Wind resistance of the balloon	62 mph

sirocco 600 W LED / 75,000 lm

standard version

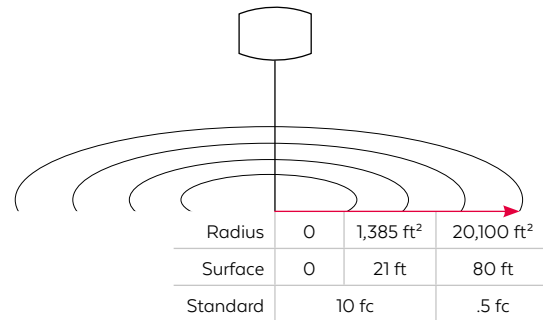


dimensions and packaging

Envelope size	ø 43.5 in / h 24 in
P500TA stand height	from 5 to 18 ft
Net weight of the balloon	20 lbs
PVC cylinder case	
Cylinder case dimensions	L 39.4 x w 10.24 in
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	25 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	20,100 ft²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	1,385 ft²
Light under the balloon (13 ft high)	39.5 fc
Maximum lumen	75,000 lm
Color temperature: daylight	6,000 K



technical data

Light source	6 x 100 W LED
Average LED life*	50,000 h
Efficiency	125 lm/W
LED configuration	6 x independent panels [Driver + LED] Quick and easy to replace (4 screws)
Maximum power	600 W
Available voltage	110/120 - 220/240 V / 50 Hz
Restrike time	instant
Power supply	main power or 1 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54
Electrical protection	integrated fuse + breaker
Eye protection	Pressure sensor
Wind resistance of the balloon	62 mph

sirocco HA 2,000 W / 54,000 lm

standard version

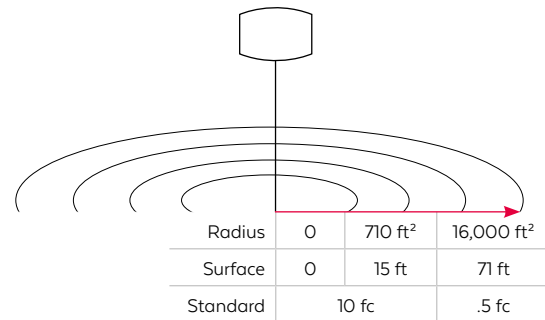


dimensions and packaging

Envelope size	ø 3 ft / h 2 ft
P500TA stand height	from 5 to 18 ft
Net weight of the balloon	13 lbs
PVC cylinder case	
Cylinder case dimensions	L 39.4 x w 10.24 in
Content: full set lighting balloon (without stand), 2 lamps, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	17 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	16,000 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	710 ft ²
Light under the balloon (13 ft high)	37 fc
Maximum lumen	54,000 lm
Color temperature: warm	3,200 K



technical data

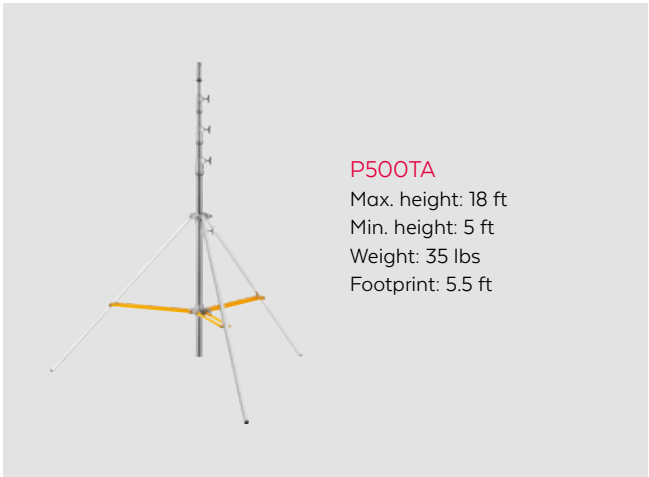
Lamps	2 x 1,000 W HA
Average lamp life*	300 h
Efficiency	27 lm/W
Type of lamp holder	R7S
Maximum power	2,000 W
Available voltage	110/120 - 220/240 V / 50-60 Hz
Restrike time	instant
Power supply	main power or 3 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

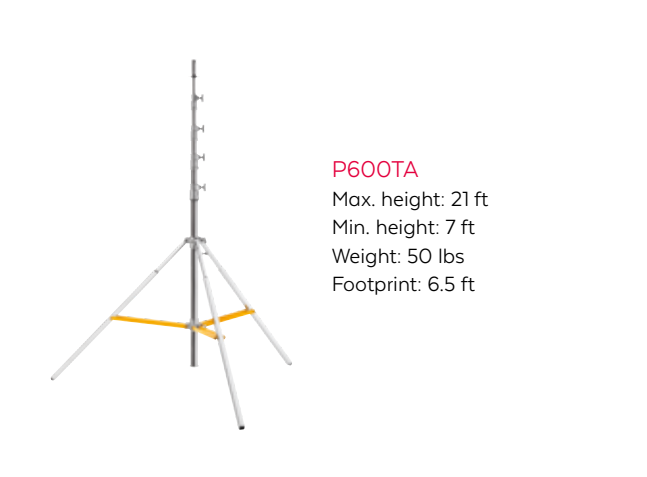
safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54
Electrical protection	integrated fuse + breaker
Eye protection	Pressure sensor
Wind resistance of the balloon	60 mph

sirocco M range spare parts pieces and accessories



P500TA
Max. height: 18 ft
Min. height: 5 ft
Weight: 35 lbs
Footprint: 5.5 ft



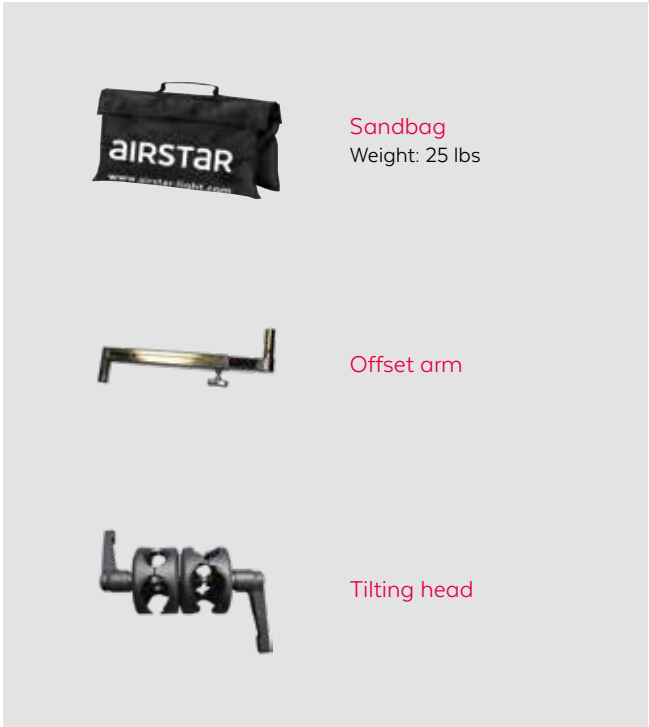
P600TA
Max. height: 21 ft
Min. height: 7 ft
Weight: 50 lbs
Footprint: 6.5 ft



P500AH
Max. height: 18 ft
Min. height: 5 ft
Footprint: 5.5 ft



Cart with telescopic mast
Max. height: 16.5 ft



Sandbag
Weight: 25 lbs



Offset arm



Tilting head



Envelope with standard reflector



Envelope with reversed reflector



Envelope without reflector

IP54









> flex & sirocco L

sirocco M|H 1,000 W / 110,000 lm

standard version

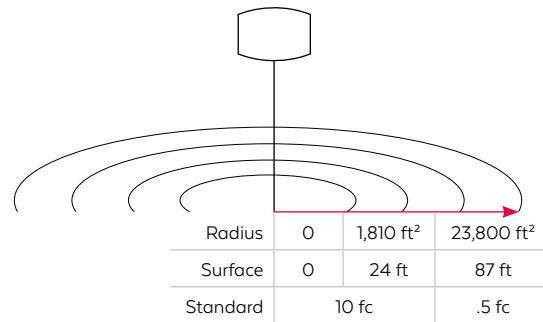


dimensions and packaging

Envelope size	ø 4 ft / h 2.29 ft
P500TA stand height	from 5 to 18 ft
Net weight of the balloon	22 lbs
Ballast	26 lbs
PVC cylinder case	
Cylinder case dimensions	L 39.4 x w 10.24 in
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	28 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	23,800 ft²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	1,810 ft²
Light under the balloon (13 ft high)	49.8 fc
Maximum lumen	110,000 lm
Color temperature: neutral	4,000 K



technical data

Lamps	1 x 1,000 W HI-T
Average lamp life*	8,000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	1,280 W
Available voltage	110/120 - 220/240 V / 50 Hz
Restrike time	~ 10 min
Power supply	main power or 2 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54
Thermal protection system	
Eye protection	Pressure sensor
Wind resistance of the balloon	50 mph

sirocco flex M|H 1,000 W / 110,000 lm

flex by Airstar

The envelope of this unit is constructed from woven material with an internal, rigid pole system, which doesn't require a fan for inflation. Intended for permanent or semi-permanent use and provides a higher wind resistance.

standard version

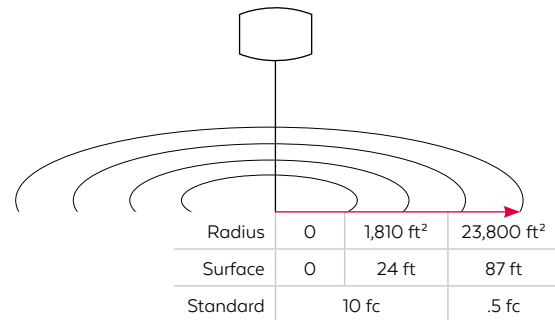


dimensions and packaging

Envelope size	ø 4 ft / h 2 ft
P500TA stand height	from 5 to 18 ft
Net weight of the balloon	22 lbs
PVC cylinder case	
Cylinder case dimensions	L 39.4 x w 10.24 in
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	17 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	23,800 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	1,810 ft ²
Light under the balloon (13 ft high)	72.5 fc
Maximum lumen	110,000 lm
Color temperature: neutral	4,000 - 4,500 K



technical data

Lamps	1 x 1,000 W HI-T
Average lamp life*	8,000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	1,000 W
Available voltage	110 - 120 / 220-240 V / 50 Hz
Ballast	1 x 1,000 W
Restrike time	~ 12 min
Power supply	main power or 2 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	60 mph

flex M|H 4,000 / 5,000W - 440,000 / 560,000 lm

flex by Airstar

The envelope of this unit is constructed from woven material with an internal, rigid pole system, which doesn't require a fan for inflation. Intended for permanent or semi-permanent use and provides a higher wind resistance (with 2 or 3 ring options).

standard version



dimensions and packaging

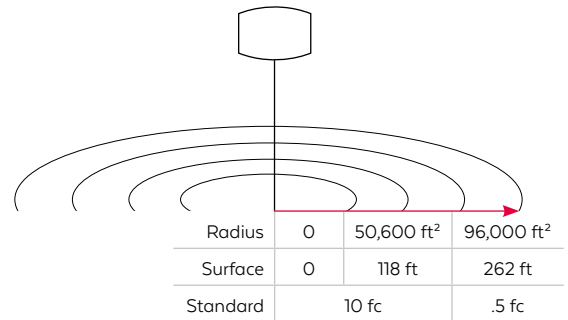
Envelope size	ø 4.6 ft / h 4.25 ft
Balloon cardboard dimensions	L 40.5 x w 22 x h 22 in
Ballast cardboard dimensions	L 13.4 x w 10.6 x h 9.8 in

Flex HI-T 4000 W on lighting tower

Total weight without lighting tower	44 lbs
Net weight of the balloon	38 lbs

lighting data

Open core area lighting requirement (.5 fc U.S.)	96,000 ft ²
Very low risk area lighting requirement for safety and security (10 fc U.S.)	50,600 ft ²
Light under the balloon (24 ft high)	55.7 fc
Maximum lumen	440K - 560K lm
Color temperature: neutral	4,000 - 4,500 K



technical data

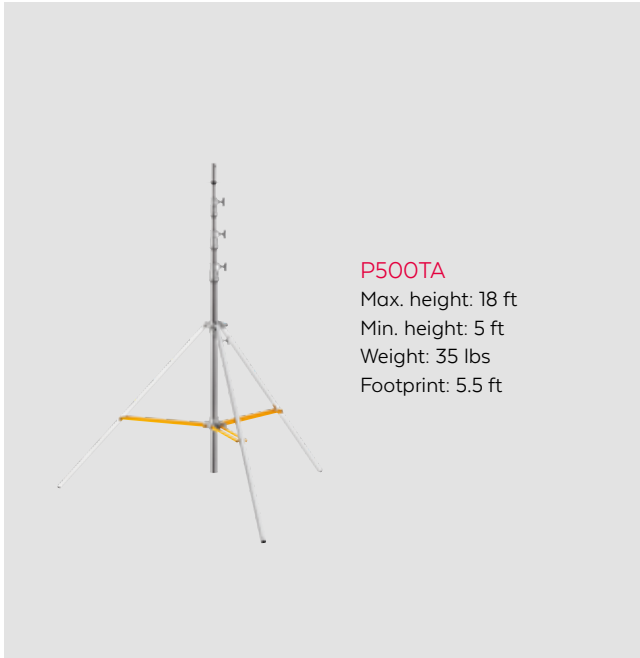
Lamps	4 x 1,000 / 4 x 1,250 W HI-T
Average lamp life*	8,000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	6,400 W
Available voltage	230 V / 50 Hz
Ballasts	4 x 1,000 / 4 x 1,250 W magnetic
Restrike time	~ 12 min
Power supply	main power 6.5 or 7.5 kVA generator
Envelope options	multiple envelope colors, without reflector or with reverse reflector

* Under normal conditions of use

safety

Flame-retardant fabric	
Silver internal reflector improves lumens below the balloon, increases light to the work area and reduces light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	75 mph

sirocco L & flex range spare parts pieces and accessories



> testimonials

safety

“

The Airstar was awesome! The consistency, brightness and ease of use made it easy for us to see everything we needed to see all night long. It was quiet, natural light that made us forget it was night, almost. I have used many other lighting system and I think the AirStar is clearly superior. I would highly recommend the lighting system to any public safety agency looking for an easy to set up, bright and wide berth of lighting footprint. ”

Jim Morrissey

ALCO EMS, Terrorism Preparedness Director, Tactical Medic, San Francisco FBI SWAT (United States).

“

[...] The Airstar Lights were deployed easily without difficulty and run flawlessly. The non-glare feature was beneficial, ensuring each competitor's visibility was not compromised while navigating an obstacle. ”

F. Doug Matteo

Sergeant, Regional training center, Alameda county sheriff's office (United-States).

“

[...] There were no shadows or glare as had been seen in other times we used this facility. The AirStar Lighting installers were able to offer the best suggestion on where to install the lighting and they were spot on. We had no difficulties, day or night, because of their installation. This was by far the best lighting we've ever used. ”

Benny Rodriguez

Assisant Site Captain for Urban Shield, Member of California highway patrol (United States).



> Airstar network

- our 3 production sites
- our subsidiaries:
- more than 70 distributors in the world !

NORTH AMERICA

USA

Orlando
Atlanta
Las Vegas
Los Angeles
Fort Worth

Canada

Toronto
Montreal

LATIN AMERICA

Mexico

Mexico city
Cancun
Los cabos

Panama

Panama



EUROPE

France

Paris
Grenoble
Bordeaux
Cannes

Germany

Hanover
Berlin

Portugal

Lisbon

Spain

Barcelona
Madrid

United Kingdom

London

Italy

Turino

ASIA

China

Shanghai

Singapore

MIDDLE EAST

United Arab Emirates

Dubai

> sirocco & flex lighting
by Airstar



Airstar, the one and only



100 % of the balloons
are rain and dust proof



More than 50 % of our
lights use LED



70% of the line features
instant restrike



Can withstand winds
up to 75 mph





aIRSTAR

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www.airstar-light.us

.....

PROUDLY MADE IN THE USA

